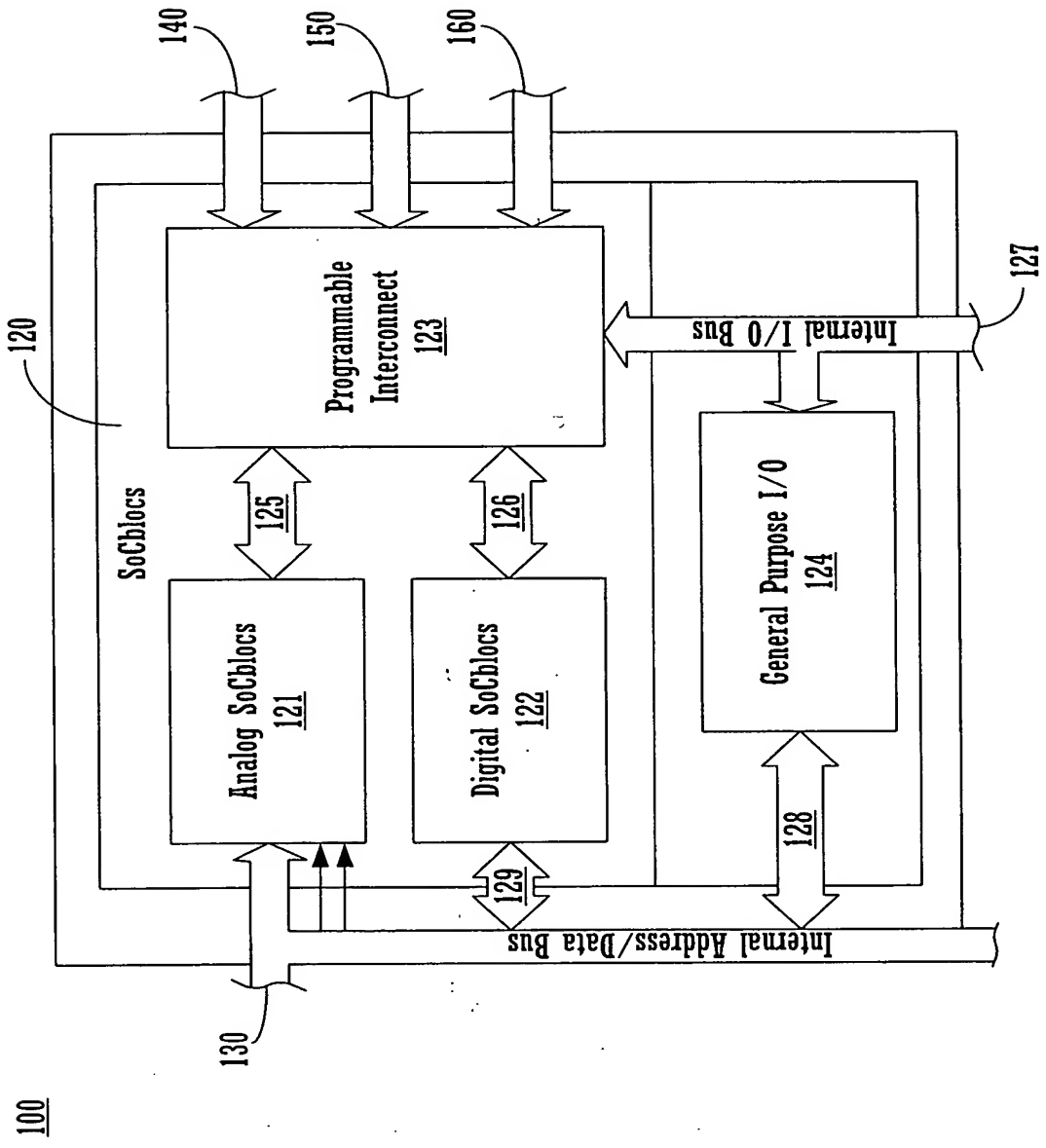
100
120
140
150
160
127
SoCblocs
Programmable Interconnect 123
Internal I/O Bus
125
126
Analog SoCblocs 121
Digital SoCblocs 122
General Purpose I/O 124
128
129
Internal Address/Data Bus
130

FIGURE 1

200

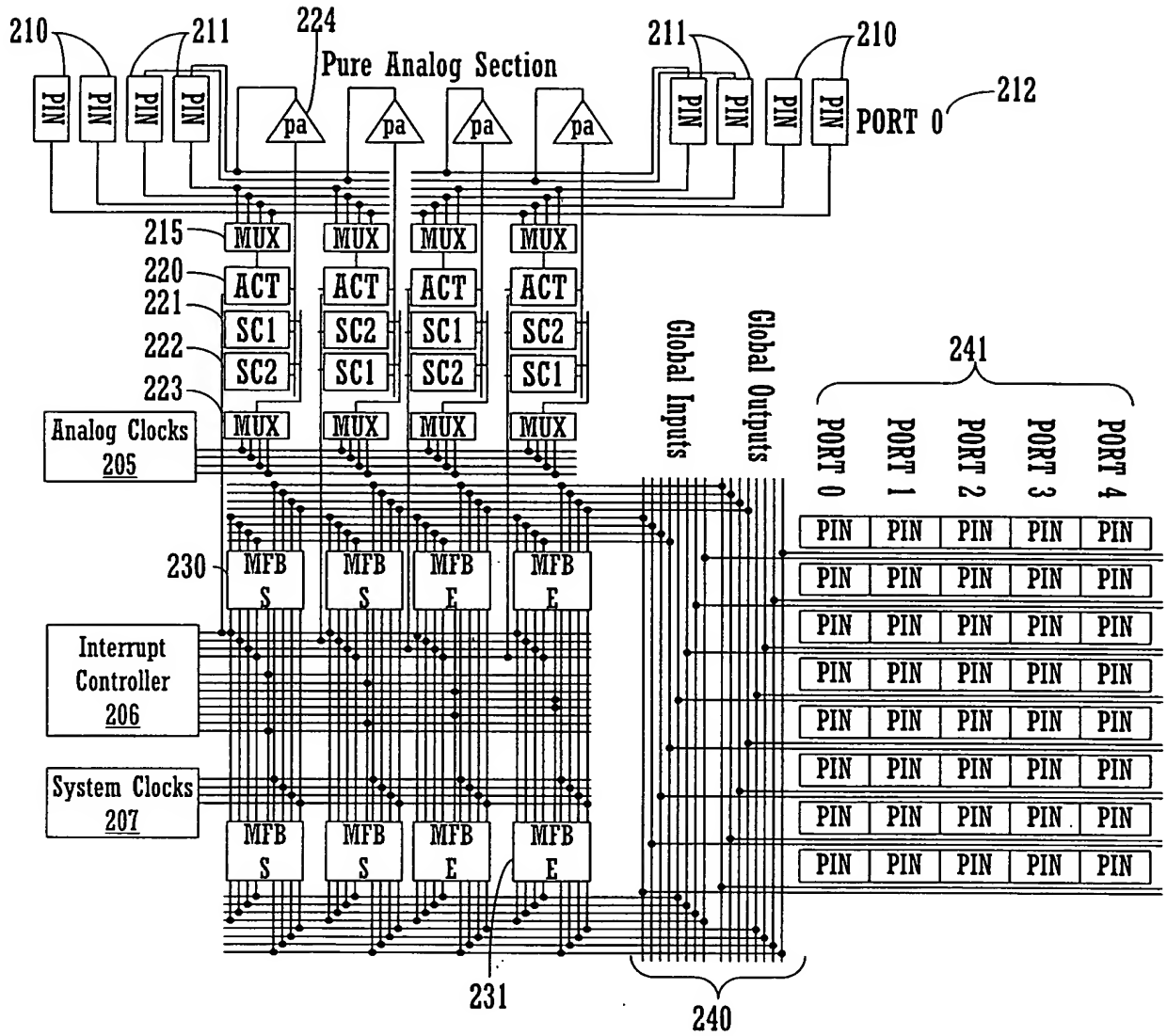
210
211
224
Pure Analog Section
211
210
212
PIN
pa
PORT 0
215
MUX
220
ACT
221
SC1
222
SC2
223
Analog Clocks
205
230
MFB
S
E
Interrupt
Controller
206
System Clocks
207
231
Global Inputs
Global Outputs
241
PORT 0
PORT 1
PORT 2
PORT 3
PORT 4
240

FIGURE 2

300

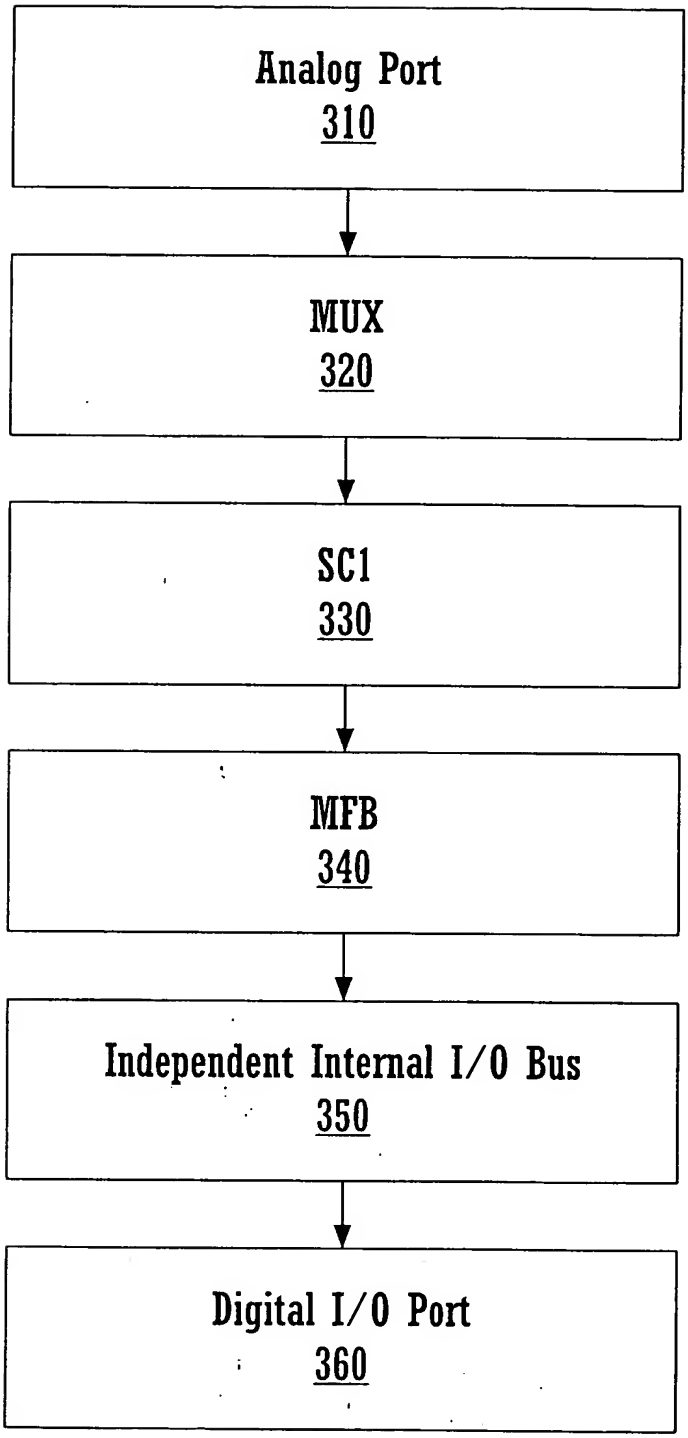
Analog Port
310
MUX
320
SC1
330
MFB
340
Independent Internal I/O Bus
350
Digital I/O Port
360

FIGURE 3

400

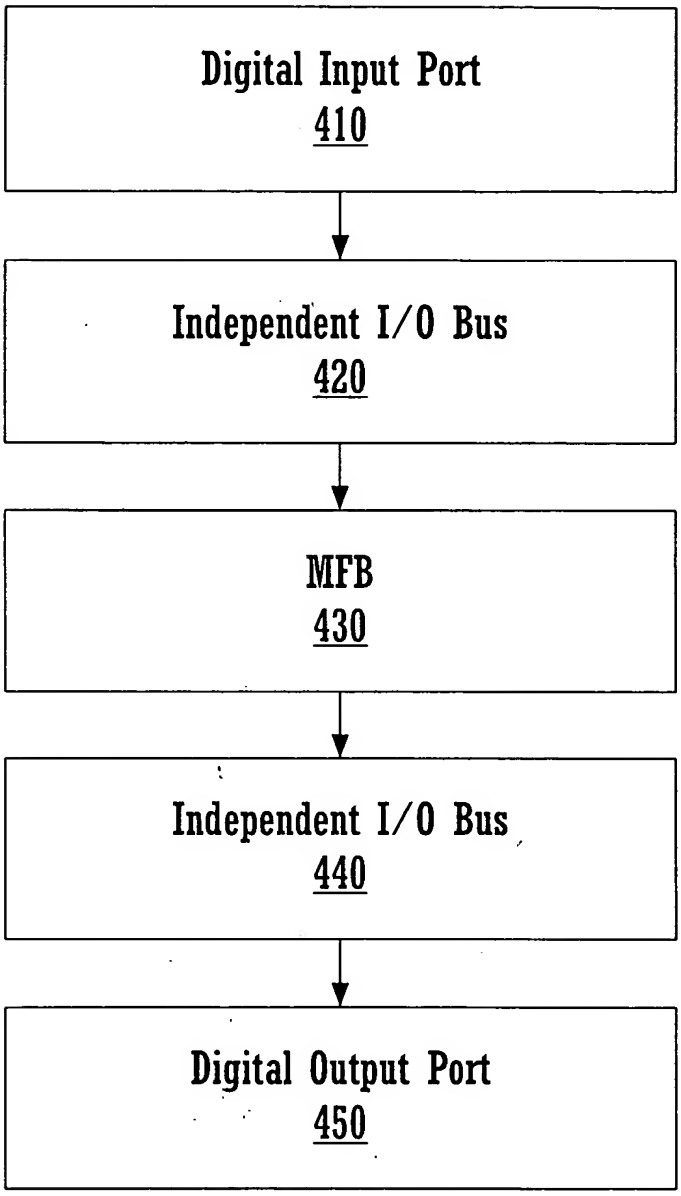
Digital Input Port
410
Independent I/O Bus
420
MFB
430
Independent I/O Bus
440
Digital Output Port
450

FIGURE 4